ELT S65-8282-406



REF 12.11 **REF 7.45** Center of Gravity **REF 5.31** REF REF ø.390 CBORE -REF ₹.25 極 2.800 **REF 8.50** 6X ø.210 THRU 1.175±.040 - 3.000 CBORE ø.390 FARSIDE **REF R.935** REF R1.150-1.125 .563 .750 REF 2.42 _.625 1.250-O-RING GROOVE 1.064 ID NAMEPLATE X.120W X .077 DP

Please Note: For REFERENCE ONLY Contact Sensor Systems for latest drawing

Sensor Systems. Inc.

O-RING PN: MS29513-121 (Optional)

Description

\$65-8282-406: ELT antenna covers distress signal frequencies of 121.5, 243.0 and 406 MHz.

The antenna is compatible with Cospas-Sarsat and all ELT systems. Meets requirements of EUROCAE ED-62 for ELT equipment.

Fiberglass composite blade with machined aluminum base and BNC female connector. Hermetically sealed and DC-grounded. Designed for high-speed aircraft.

NSN: 5985-01-570-3767

FEDERAL & MILITARY SPECS: MIL-E-5400, MIL-E-5272, MIL-A-7772, MIL-A-6271, MIL-A-9094, ED-62, ED-14C, TSO-C91a, TSO-C126, ETSO-2C91a, ETSO-2C126, DO-160C/D

Specifications

Specifications	
Electrical	
Frequency	121.5 Mhz 243.0 Mhz 406.0 Mhz
VSWR	≤2.0:1 (121.5 Mhz) ≤2.3:1 (243.0 Mhz) ≤1.5:1 (406.0 Mhz)
Pattern	Omnidirectional in Azimuth Cosinusoidal in Elevation
Polarization	Vertical
Impedance	50 Ω
Power	250 mW (121.5 Mhz) 250 mW (243.0 Mhz) 5 Watts (406.0 Mhz)
Lightning Protection	DC Grounded
Mechanical	
Wechanical	
Weight	1.2 lbs. (.544 kg)
	1.2 lbs. (.544 kg) 9.81 in. (249.2 mm)
Weight	, ,,
Weight Height	9.81 in. (249.2 mm)
Weight Height Width	9.81 in. (249.2 mm) 2.42 in. (61.5 mm)
Weight Height Width Length	9.81 in. (249.2 mm) 2.42 in. (61.5 mm) 8.50 in. (216 mm)
Weight Height Width Length Material	9.81 in. (249.2 mm) 2.42 in. (61.5 mm) 8.50 in. (216 mm) 6061-T6 Aluminum fiberglass
Weight Height Width Length Material Finish	9.81 in. (249.2 mm) 2.42 in. (61.5 mm) 8.50 in. (216 mm) 6061-T6 Aluminum fiberglass Skydrol-resistant polyurethane
Weight Height Width Length Material Finish Connector	9.81 in. (249.2 mm) 2.42 in. (61.5 mm) 8.50 in. (216 mm) 6061-T6 Aluminum fiberglass Skydrol-resistant polyurethane BNC Female
Weight Height Width Length Material Finish Connector Drag	9.81 in. (249.2 mm) 2.42 in. (61.5 mm) 8.50 in. (216 mm) 6061-T6 Aluminum fiberglass Skydrol-resistant polyurethane BNC Female
Weight Height Width Length Material Finish Connector Drag Environmental	9.81 in. (249.2 mm) 2.42 in. (61.5 mm) 8.50 in. (216 mm) 6061-T6 Aluminum fiberglass Skydrol-resistant polyurethane BNC Female 0.6 lbs. Mach .85 @ 35,000 ft.
Weight Height Width Length Material Finish Connector Drag Environmental Temperature	9.81 in. (249.2 mm) 2.42 in. (61.5 mm) 8.50 in. (216 mm) 6061-T6 Aluminum fiberglass Skydrol-resistant polyurethane BNC Female 0.6 lbs. Mach .85 @ 35,000 ft.

(D) Website: www.sensorantennas.com (D) Phone: 818-341-5366